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EMPLOYMENT HOURS AND EARNINGS

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BRISTOL

RICHMOND

NORTHERN VIRGINIA

NORFOLK-VIRGINIA BEACH-PORTSMOUTH

ROANOKE

LYNCHBURG

NEWPORT NEWS-HAMPTON

PETERSBURG-COLONIAL HEIGHTS-HOPEWELL

VIRGINIA DEPARTMENT OF LABOR AND INDUSTRY

DIVISION OF RESEARCH AND STATISTICS

OCTOBER 1980

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Explanatory Notes

VIRGINIA'S NONFARM EMPLOYMENT ADVANCES TO AN ALL-TIME HIGH

DURING SEPTEMBER 1980 VIRGINIA'S NONAGRICULTURAL EMPLOYMENT REACHED A NEW ALL-TIME HIGH with 2,135,900 workers being counted on payrolls across the state. An over-the-month increase of 11,800 and an over-the-year rise of 15,700 was posted. Manufacturing, government, trade and mining were the segments that posted plusses. While government, trade and mining are above last year's levels, manufacturing still lags behind last year. Despite the gains all was not well as construction, finance, transportation and public utilities and services recorded downs in worker totals between mid-August and mid-September. Some of the downtrend was seasonal as many tourist-related businesses released their temporary summer workers. Construction continued to have its problems and while well below year-ago levels, the August-September decline was not as severe as it was in 1979.

MANUFACTURING EXPERIENCED A STRONG COMEBACK IN SEPTEMBER with increases in employment, hours of work and hourly earnings. Durable goods producers had gains in every division, except electrical machinery and supplies which was unchanged. New orders for hardgoods prompted recalls and hirings. Several contracts for ship repair work have been awarded and should aid the transportation equipment sector. While inventories are uncomfortably high in some areas, manufacturers are hoping sales will not falter this winter. Nondurable goods producers registered good gains in the food, tobacco and apparel segments. Seasonal workers were hired to process fruits and vegetables and to handle this year's tobacco crop. Despite the unusually dry summer, crops were reported to be better than had been expected. The reopening of apparel plants that were on unpaid vacations in August account for much of their increase. Over-the-month losses were minimal among other softgoods producers, with the largest being 200 in textiles. Average weekly earnings were at record levels in September. Virginia's 313,500 factory production workers averaged $249.80 this month-up $2.06 over August and $22.20 over last September. The average workweek was two-tenths of an hour longer than in August. The 39.4 hourly workweek recorded in September was the longest since January 1980 when the workweek averaged 39.8 hours. Hourly earnings at $6.34 were up two cents over the month and sixty-five cents over the year. In the major areas of the state weekly earnings were up in all except Bristol and Northern Virginia. Workweeks were longer, or held steady, in all but these same two areas.

NONMANUFACTURING INDUSTRIES WERE ON THE UPTREND IN SEPTEMBER, notwithstanding seasonal layoffs. Hotels, motels and amusement centers began their end of summer windup and much of the decrease in services was attributed to the abatement of the tourist season. Construction employment also was down. While the decline followed previous year's trends, sales of new homes continues to remain depressed and a new round of increases in mortgage rates has dampened the prospects of many potential buyers. Financial institutions were undergoing retrenchment and workers on rolls were down again this month. Higher interest rates have also impeded the sales of cars, major appliances and other big-ticket items. While fall and back-to-school sales promotions have been staged to induce shoppers to spend, reluctance on the part of consumers still exists. Sales were reported to be strongest among energy-related and do-it-yourself items such as cold-weather clothing, fireplace accessories, automotive tune-up kits and ready-to-assemble furniture. Winter fashion merchandise, par-

ticularly women's sportswear and men's clothing, were also among the better sellers. Government payrolls swelled with the return of nonteaching personnel to schools and colleges across the Commonwealth. This overshadowed the final phasing out of census offices and the release of students hired by federal government agencies for the summer. While mining employment was rising, transportation and public utilities was declining, leaving these divisions virtually unchanged between August and September.

THE PRODUCERS PRICE INDEX, PUBLISHED BY THE BUREAU OF LABOR STATISTIC'S was 274.1 (1967=100) in September 1980. The monthly increase was 0.4 percent. The index for finished goods at 248.9 was unchanged percentagewise over the month.

THE BUREAU OF LABOR STATISTICS' ALL URBAN CONSUMER PRICE INDEX (U. S. City Average) rose 0.9 percent in September to 251.7. The index was up 12.7 percent over the year. The Urban Wage Earners and Clerical Workers Index at 251.9, was up 0.9 percent over the month and 12.6 percent over the year. The base period for both indexes is 1967.

THE OCTOBER 1980 CONSUMER PRICE INDEX data will be released on November 25, 1980 and may be obtained by calling 804-786-4490.

THE AREA WAGE SURVEY FOR THE RICHMOND, VIRGINIA, METROPOLITAN AREA - JUNE 1980 is now available. The survey includes earnings averages for about 40 specific occupations and increases in averages for five selected occupational groups. Data were obtained from 145 establishments employing approximately 81,000 workers. These were selected to represent approximately 583 firms with about 132,000 workers. Also available are the results of the May 1980 Norfolk-Virginia Beach-Portsmouth, Virginia-North Carolina Area Wage Survey. Included are earnings averages for about 30 specific occupations and increases in averages for four selected occupational groups. Data for this survey were obtained from more than 130 establishments employing approximately 47,500 workers. These were selected to represent approximately 410 firms with about 75,000 workers. Copies may be obtained by calling (215) 596-1154 or writing:

U. S. Department of Labor
Bureau of Labor Statistics
Region III
P. O. Box 13309
Philadelphia, PA 19101

The Richmond Area survey's price is $2.25 and Norfolk Area's price is $1.75. Checks should be made payable to "Superintendent of Documents."

Table B-1.

LABOR FORCE ESTIMATES 1/

(Data Not Seasonally Adjusted)

	Civilian Labor Force			Employed 2/			Unemployed			Per Cent of Labor Force		
	August 1980	July 1980	August 1979	August 1980	July 1980	August 1979	August 1980	July 1980	August 1979	Aug. 1980	July 1980	Aug. 1979
United States	106,126,000	106,997,000	104,363,000	98,115,000	98,587,000	98,226,000	8,011,000	8,410,000	6,137,000	7.5	7.9	5.9
Virginia	2,536,000	2,551,000	2,496,200	2,398,300	2,403,500	2,389,900	137,700	147,500	106,300	5.4	5.8	4.3
Bristol Area	39,730	39,920	38,210	36,970	36,920	36,550	2,760	3,000	1,660	6.9	7.5	4.3
Lynchburg SMSA	77,420	76,880	75,880	72,820	71,550	73,210	4,600	5,330	2,670	5.9	6.9	3.5
Newport News-Hampton SMSA	172,140	172,790	162,140	162,520	163,350	154,250	9,620	9,440	7,890	5.6	5.5	4.9
Norfolk-Virginia Beach-Portsmouth SMSA	330,430	332,800	325,890	310,950	312,620	309,220	19,480	20,180	16,670	5.9	6.1	5.1
Northern Virginia Area	572,200	574,900	558,500	554,200	555,400	541,000	18,000	19,500	17,500	3.1	3.4	3.1
Petersburg-Colonial Heights-Hopewell SMSA	62,740	63,050	58,730	58,430	58,900	55,580	4,310	4,150	3,150	6.9	6.6	5.4
Richmond SMSA	330,790	331,330	325,320	318,140	318,410	315,230	12,650	12,920	10,090	3.8	3.9	3.1
Roanoke SMSA	114,020	114,340	110,310	107,990	107,710	105,640	6,030	6,630	4,670	5.3	5.8	4.2

1/ All data adjusted to a place-of-residence basis

2/ Includes agricultural and nonagricultural workers, self-employed, unpaid family workers and domestics, and strikers whenever strikes exist.

Current month's estimates are preliminary. Employment series have been adjusted to December 1978 benchmark levels.

Manpower Research
Virginia Employment Commission

Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	September 1980	August 1980	September 1979	August 1980	September 1979
NONAGRICULTURAL 1/	2,135.9	2,124.1	2,120.2	11.8	15.7
MANUFACTURING	409.6	405.5	420.3	4.1	-10.7
Durable Goods	186.9	184.9	193.2	2.0	- 6.3
Lumber and Wood Products	23.3	23.0	25.2	.3	- 1.9
Millwork, Plywood and Structural Members	6.1	6.1	6.7	0	- .6
Wood Containers	1.9	1.9	1.9	0	0
Wood Buildings and Mobile Homes	3.3	3.3	3.6	0	- .3
Miscellaneous Wood Products	2.0	2.0	2.2	0	- .2
Furniture and Fixtures	25.5	25.3	26.8	.2	- 1.3
Household and Office Furniture	23.9	23.7	25.5	.2	- 1.6
Stone, Clay and Glass Products	12.7	12.4	13.6	.3	- .9
Structural Clay Products	.9	.9	1.0	0	- .1
Concrete Gypsum and Plaster Products	7.3	7.2	7.8	.1	- .5
Glass and Glass Products	1.7	1.6	1.7	.1	0
Primary Metal Industries	11.9	11.4	14.1	.5	- 2.2
Fabricated Metal Products	20.5	20.4	21.1	.1	- .6
Fabricated Structural Metal Products	12.9	12.9	13.4	0	- .5
Machinery, except Electrical	15.3	15.2	15.2	.1	.1
Construction and Related Machinery	4.6	4.6	4.8	0	- .2
Special Industry Machinery	2.4	2.4	2.6	0	- .2
Refrigeration and Service Machinery	2.0	1.9	2.0	.1	0
Electric and Electronic Equipment	33.1	33.1	33.6	0	- .5
Communication Equipment	11.3	11.3	11.3	0	0
Electronic Components and Accessories	5.2	5.2	5.4	0	- .2
Transportation Equipment	36.9	36.6	35.8	.3	1.1
Instruments and Related Products	4.1	4.0	3.8	.1	.3
Miscellaneous Manufacturing Industries	3.6	3.5	4.0	.1	- .4
Nondurable Goods	222.7	220.6	227.1	2.1	- 4.4
Food and Kindred Products	42.4	41.2	43.3	1.2	- .9
Meat Products	13.6	13.3	13.0	.3	.6
Dairy Products	2.7	2.6	2.5	.1	.2
Preserved Fruits and Vegetables	3.4	3.2	5.7	.2	- 2.3
Bakery Products	4.9	4.9	5.0	0	- .1
Beverages	5.8	5.8	5.7	0	.1
Tobacco Manufactures	17.1	16.5	17.4	.6	- .3
Cigarettes	13.7	13.7	13.7	0	0
Cigars and Chewing and Smoking Tobacco	.4	.4	.4	0	0
Tobacco Stemming and Redrying	3.0	2.4	3.3	.6	- .3
Textile Mill Products	44.3	44.5	44.8	- .2	- .5
Weaving Mills, Cotton, Synthetics and Wool	18.9	18.9	18.6	0	.3
Narrow Fabric Mills	1.1	1.1	1.3	0	- .2
Knitting Mills	13.8	13.9	13.1	- .1	.7
Textile Finishing, except Wool	4.7	4.7	5.3	0	- .6
Yarn and Thread Mills	3.1	3.0	3.4	.1	- .3
Miscellaneous Textile Goods	1.2	1.2	1.4	0	- .2
Apparel and Other Textile Products	34.4	33.6	35.0	.8	- .6
Men's and Boys' Suits, Coats and Furnishings	13.5	13.7	13.7	- .2	- .2
Women's and Children's Outerwear & Undergarments	17.2	16.2	17.4	1.0	- .2
Miscellaneous Fabricated Textile Products	1.6	1.6	1.8	0	- .2
Paper and Allied Products	14.4	14.4	14.6	0	- .2
Pulp, Paper and Paperboard	7.6	7.7	7.6	- .1	0
Misc. Converted Paper and Paperboard Products, Containers and Boxes	6.0	6.0	6.2	0	- .2
Miscellaneous Converted Paper Products	2.4	2.4	2.7	0	- .3
Paperboard Containers and Boxes	3.6	3.6	3.5	0	.1
Printing and Publishing	21.9	22.0	21.0	- .1	.9
Newspapers and Periodicals	8.5	8.6	8.0	- .1	.5
Commercial Printing	8.2	8.2	8.0	0	.2
Chemicals and Allied Products	32.7	32.8	34.4	- .1	- 1.7
Industrial Inorganic Chemicals	.8	.8	.9	0	- .1
Plastics Materials and Synthetics	19.3	19.4	21.3	- .1	- 2.0
Drugs	2.7	2.7	2.6	0	.1
Agricultural Chemicals	1.6	1.5	1.6	.1	0
Miscellaneous Chemical Products	3.3	3.3	3.1	0	.2
Petroleum, Rubber and Misc. Plastics Products	11.9	11.9	12.8	0	- .9
Miscellaneous Plastics Products	5.6	5.5	5.9	.1	- .3
Rubber and Rubber Products	6.0	6.0	6.6	0	- .6
Leather and Leather Products	3.6	3.7	3.8	- .1	- .2

(Continued on page 5)

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	September 1980	August 1980	September 1979	August 1980	September 1979
(Continued from page 4)					
NONMANUFACTURING	1,726.3	1,718.6	1,699.9	7.7	26.4
Mining	24.0	23.9	23.5	.1	.5
Bituminous Coal and Lignite Mining	20.9	20.7	20.0	.2	.9
Construction	127.2	129.4	143.9	- 2.2	-16.7
Transportation and Public Utilities	115.3	115.5	115.4	- .2	- .1
Railroad Transportation	14.4	14.4	14.8	0	- .4
Trucking and Warehousing	29.6	29.6	30.2	0	- .6
Transportation by Air	10.9	11.0	11.7	- .1	- .8
Communication	29.4	29.3	27.6	.1	1.8
Electric, Gas and Sanitary Services	16.7	16.6	15.7	.1	1.0
Wholesale and Retail Trade	451.6	451.2	440.6	.4	11.0
Wholesale	105.4	105.3	102.9	.1	2.5
Wholesale Trade Durable Goods	63.8	64.1	63.7	- .3	.1
Wholesale Trade Nondurable Goods	41.6	41.2	39.2	.4	2.4
Retail	346.2	345.9	337.7	.3	8.5
General Merchandise Stores	54.9	54.5	55.4	.4	- .5
Department Stores	40.4	40.3	42.5	.1	- 2.1
Variety Stores	9.0	8.9	8.6	.1	.4
Food Stores	54.9	54.8	51.0	.1	3.9
Automotive Dealers and Service Stations	46.8	46.8	48.2	0	- 1.4
Furniture and Home Furnishings Stores	15.3	15.6	15.9	- .3	- .6
Miscellaneous Retail	43.8	43.2	42.4	.6	1.4
Finance, Insurance and Real Estate	106.1	106.6	105.2	- .5	.9
Banking	31.0	31.3	30.5	- .3	.5
Insurance Carriers	19.9	19.8	19.5	.1	.4
Real Estate	23.5	23.7	24.9	- .2	- 1.4
Services	392.1	395.2	377.5	- 3.1	14.6
Personal Services	24.4	24.4	23.6	0	.8
Business Services	76.9	76.6	73.2	.3	3.7
Auto and Miscellaneous Repair Service	18.6	18.6	18.2	0	.4
Health Services	102.1	102.1	97.9	0	4.2
Government	510.0	496.8	493.8	13.2	16.2
Federal Government	153.3	156.0	152.2	- 2.7	1.1
State and Local Government	356.7	340.8	341.6	15.9	15.1
State Government	118.4	115.6	117.7	2.8	.7
Local Government	238.3	225.2	223.9	13.1	14.4

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

1/ Federal Government employment in the Virginia portion of the Washington Standard Metropolitan Area is included.

Table A-2.

VIRGINIA

EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS
BY INDUSTRY DIVISIONS
ANNUAL AVERAGES 1970 - 1979
JANUARY 1976 TO DATE

(In Thousands)

Year and Month	Total 1/	Manufacturing	Mining	Construction	Transportation and Public Utilities	Wholesale and Retail Trade	Finance, Insurance and Real Estate	Services and Miscellaneous	Government 1/
Annual Averages:									
1970	1,518.9	366.0	15.1	96.0	97.4	304.3	65.8	220.0	355.1
1971	1,567.2	366.2	15.0	103.1	97.8	316.0	68.1	229.1	371.9
1972	1,655.2	387.8	16.1	116.9	100.9	336.2	74.4	242.9	380.0
1973	1,751.4	401.8	16.2	131.1	104.1	361.8	80.8	266.4	391.2
1974	1,804.1	401.9	18.1	132.9	106.2	368.6	84.1	286.4	405.9
1975	1,778.7	371.5	20.9	112.0	102.6	368.0	84.0	296.9	422.8
1976	1,848.1	387.7	21.8	111.8	104.4	386.7	86.1	312.8	436.6
1977	1,930.4	400.8	22.0	119.0	105.9	405.6	91.7	331.8	453.6
1978	2,013.5	409.4	20.5	130.2	107.6	428.1	97.1	357.9	482.7
1979	2,098.5	413.2	24.7	135.3	114.3	439.9	103.4	374.6	493.6
1976:									
January	1,778.8	378.2	21.1	100.5	102.6	370.4	82.6	295.6	427.8
February	1,782.6	380.2	21.0	100.9	102.6	366.2	82.6	298.9	430.2
March	1,796.6	382.0	21.1	104.1	102.8	369.5	84.1	301.6	432.4
April	1,826.1	384.7	21.6	111.0	104.2	377.8	85.0	309.9	431.9
May	1,841.2	384.2	21.7	114.5	105.6	384.7	86.0	313.6	433.9
June	1,870.9	388.7	22.1	117.1	108.6	387.7	88.1	321.9	436.7
July	1,870.6	386.8	22.0	119.2	107.9	390.3	89.0	321.9	433.5
August	1,874.6	390.7	21.8	119.5	108.1	391.1	89.0	321.8	432.6
September	1,878.1	391.4	22.1	116.4	107.3	393.6	87.9	318.7	438.7
October	1,878.9	391.7	22.1	115.1	105.3	396.0	87.2	319.5	440.0
November	1,884.1	396.2	22.1	113.4	104.9	402.1	87.2	315.3	442.9
December	1,893.1	395.5	22.2	109.8	106.4	411.8	87.8	314.9	444.7
1977:									
January	1,845.4	389.9	22.0	96.2	103.7	390.3	87.6	309.3	446.4
February	1,844.5	391.1	22.2	98.4	103.8	381.7	87.5	310.9	448.9
March	1,871.8	393.1	22.6	106.8	104.7	388.1	88.8	316.5	451.0
April	1,900.2	394.6	21.2	115.1	105.3	396.0	90.0	327.2	450.6
May	1,918.9	395.9	21.5	121.1	105.6	400.8	91.1	331.2	451.7
June	1,954.6	400.8	21.4	126.8	106.4	406.0	93.4	341.3	456.5
July	1,959.0	401.2	21.5	129.8	107.0	409.4	94.0	343.7	448.4
August	1,964.9	402.0	21.6	130.4	106.9	410.3	94.9	345.7	446.1
September	1,974.7	408.6	21.7	128.9	107.4	411.1	94.2	342.5	456.3
October	1,976.7	408.5	21.6	128.1	105.6	416.0	92.6	340.4	459.7
November	1,978.5	409.0	21.7	125.0	106.9	422.6	92.7	337.2	461.4
December	1,977.0	406.9	13.3	120.7	107.3	432.8	93.1	336.4	466.5
1978:									
January	1,912.4	402.7	12.5	107.5	103.9	409.9	92.2	333.3	470.4
February	1,911.8	401.1	12.4	105.7	103.8	405.5	92.1	337.2	473.8
March	1,960.1	402.7	12.8	111.8	105.8	409.8	93.4	345.0	476.8
April	2,009.2	402.4	21.8	128.5	106.7	418.1	94.0	352.1	483.4
May	2,016.5	406.3	24.1	132.6	108.0	425.2	96.0	358.3	486.0
June	2,077.0	409.5	24.7	140.7	110.1	431.8	99.3	367.0	493.9
July	2,065.6	409.2	24.8	142.5	104.4	432.1	99.8	370.4	482.4
August	2,068.4	413.5	21.5	142.9	105.3	436.6	100.3	371.8	478.5
September	2,066.6	415.2	17.6	139.7	105.0	436.0	100.2	369.4	483.5
October	2,075.4	416.7	23.9	138.5	111.7	436.0	98.5	364.0	486.1
November	2,085.2	416.6	24.3	136.5	112.6	445.0	98.8	362.2	489.2
December	2,092.3	415.2	24.0	132.9	113.4	453.3	100.5	364.3	488.7
1979:									
January	2,052.9	412.3	24.2	119.9	112.9	433.0	100.1	360.9	489.6
February	2,028.7	402.9	24.4	111.6	112.0	425.2	100.5	363.3	488.8
March	2,060.9	406.6	24.6	125.1	113.5	430.5	100.5	370.3	489.8
April	2,082.8	407.4	24.4	132.8	111.9	437.0	101.0	376.2	492.1
May	2,101.6	409.4	24.7	139.1	112.6	440.2	102.6	377.8	495.2
June	2,122.5	411.1	24.6	145.1	116.4	440.0	104.7	381.6	499.0
July	2,116.3	413.7	24.6	147.6	115.9	440.0	105.7	380.1	488.7
August	2,115.1	416.5	24.4	148.0	115.6	440.0	105.9	379.0	485.7
September	2,120.2	420.1	23.5	141.9	115.4	440.6	105.2	377.5	493.8
October	2,124.4	420.7	23.5	139.8	114.8	444.0	105.0	378.1	498.1
November	2,127.8	419.5	23.6	136.9	114.9	452.0	104.1	375.9	500.7
December	2,128.1	417.6	23.6	134.4	115.5	456.9	104.7	374.4	501.0
1980:									
January	2,097.2	414.1	23.8	124.2	113.5	442.3	104.3	371.1	501.9
February	2,087.5	414.6	23.9	116.2	113.1	436.7	104.4	375.6	503.0
March	2,097.5	414.4	23.7	120.2	113.8	436.6	104.1	379.0	505.5
April	2,108.1	412.2	23.9	122.9	114.8	437.3	104.6	382.5	509.9
May	2,119.9	408.7	23.8	125.0	114.7	442.3	105.3	387.0	513.1
June	2,132.7	405.8	24.2	127.5	115.6	446.3	106.2	391.7	515.4
July	2,111.4	399.4	24.0	129.2	115.4	447.6	106.7	394.6	496.5
August	2,124.1	405.5	23.9	129.4	115.5	451.2	106.6	395.2	496.8
September	2,135.9	409.6	24.0	127.2	115.3	451.6	106.1	392.1	510.0
October									
November									
December									

1/ Federal Government employment in the Northern Virginia Area, which is a portion of the Washington Standard Metropolitan Area, is included. The Northern Virginia Area covers the cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Fairfax, Loudoun and Prince William. The counties of Loudoun and Prince William were not a part of the Northern Virginia Area prior to January 1967, and Federal employment in these two counties was included in the government total prior to that period.

Table A-3

ESTIMATED FEMALE EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	September 1980	August 1980	September 1979	August 1980	September 1979
NONAGRICULTURAL 1/	893.5	883.5	874.9	10.0	18.6
MANUFACTURING	144.5	142.8	147.6	1.7	- 3.1
Durable Goods	44.4	44.1	45.8	.3	- 1.4
Lumber and Wood Products	4.1	4.1	4.5	0	- .4
Furniture and Fixtures	8.6	8.6	8.9	0	- .3
Stone, Clay and Glass Products	1.3	1.3	1.5	0	- .2
Primary Metal Industries	2.0	2.0	2.2	0	- .2
Fabricated Metal Products	3.4	3.4	3.6	0	- .2
Machinery, except Electrical	2.4	2.4	2.3	0	.1
Electric and Electronic Equipment	14.8	14.8	15.2	0	- .4
Transportation Equipment	4.9	4.8	4.8	.1	.1
Instruments and Related Products	1.7	1.6	1.5	.1	.2
Miscellaneous Manufacturing Industries	1.2	1.1	1.3	.1	- .1
Nondurable Goods	100.1	98.7	101.8	1.4	- 1.7
Food and Kindred Products	15.5	14.7	15.6	.8	- .1
Tobacco Manufactures	5.7	5.5	5.9	.2	- .2
Textile Mill Products	24.4	24.4	24.3	0	.1
Apparel and Other Textile Products	30.7	30.1	31.4	.6	- .7
Paper and Allied Products	2.5	2.5	2.4	0	.1
Printing and Publishing	7.7	7.7	7.5	0	.2
Chemicals and Allied Products	8.3	8.4	8.9	- .1	- .6
Petroleum, Rubber and Misc. Plastics Products	2.6	2.6	2.9	0	- .3
Leather and Leather Products	2.7	2.8	2.9	- .1	- .2
NONMANUFACTURING	749.0	740.7	727.3	8.3	21.7
Mining	.6	.6	.5	0	.1
Construction	7.7	7.8	8.4	- .1	- .7
Transportation and Public Utilities	28.4	28.4	27.6	0	.8
Wholesale and Retail Trade	186.7	186.5	182.5	.2	4.2
Wholesale Trade	20.6	20.6	20.2	0	.4
Retail Trade	166.1	165.9	162.3	.2	3.8
Finance, Insurance and Real Estate	60.5	60.9	59.3	- .4	1.2
Services	216.6	218.6	210.1	- 2.0	6.5
Government	248.5	237.9	238.9	10.6	9.6
Federal Government	54.7	55.5	52.8	- .8	1.9
State and Local Government	193.8	182.4	186.1	11.4	7.7

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary female workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

1/ Federal Government employment in the Virginia portion of the Washington Standard Metropolitan Area is included.

ESTIMATED NUMBER OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

Table A - 4.

INDUSTRY GROUP	EMPLOYMENT (In thousands of Employees)			NET CHANGE FROM	
	September 1980	August 1980	September 1979	August 1980	September 1979
MANUFACTURING	313.5	309.4	325.1	4.1	-11.6
Durable Goods	140.7	138.9	147.1	1.8	- 6.4
Lumber and Wood Products	19.7	19.5	21.5	.2	- 1.8
Millwork, Plywood and Structural Members	5.0	5.0	5.6	0	- .6
Wood Containers	1.7	1.6	1.8	.1	- .1
Wood Buildings and Mobile Homes	2.4	2.5	2.6	- .1	- .2
Miscellaneous Wood Products	1.8	1.8	1.9	0	- .1
Furniture and Fixtures	21.6	21.3	22.4	.3	- .8
Household and Office Furniture	20.4	20.2	21.5	.2	- 1.1
Stone, Clay and Glass Products	10.0	9.7	11.0	.3	- 1.0
Structural Clay Products	.8	.8	.9	0	- .1
Concrete Gypsum and Plaster Products	5.7	5.7	6.3	0	- .6
Glass and Glass Products	1.3	1.3	1.3	0	0
Primary Metal Industries	6.4	6.0	8.3	.4	- 1.9
Fabricated Metal Products	13.3	13.2	13.9	.1	- .6
Fabricated Structural Metal Products	7.5	7.5	8.0	0	- .5
Machinery, except Electrical	10.7	10.6	10.7	.1	0
Construction and Related Machinery	2.8	2.8	3.1	0	- .3
Special Industry Machinery	1.5	1.5	1.6	0	- .1
Refrigeration and Service Machinery	1.3	1.2	1.3	.1	0
Electric and Electronic Equipment	22.2	22.3	22.9	- .1	- .7
Communication Equipment	7.0	7.0	7.1	0	- .1
Electronic Components and Accessories	3.3	3.3	3.5	0	- .2
Transportation Equipment	31.6	31.3	30.9	.3	.7
Instruments and Related Products	2.4	2.4	2.3	0	.1
Miscellaneous Manufacturing Industries	2.8	2.6	3.2	.2	- .4
Nondurable Goods	172.8	170.5	178.0	2.3	- 5.2
Food and Kindred Products	31.0	29.7	32.2	1.3	- 1.2
Meat Products	11.7	11.4	11.4	.3	.3
Dairy Products	1.3	1.3	1.2	0	.1
Preserved Fruits and Vegetables	2.7	2.5	5.0	.2	- 2.3
Bakery Products	2.5	2.5	2.5	0	0
Beverages	2.4	2.4	2.1	0	.3
Tobacco Manufactures	12.7	12.2	13.1	.5	- .4
Cigarettes	10.1	10.2	10.2	- .1	- .1
Cigars and Chewing and Smoking Tobacco	.3	.3	.3	0	0
Tobacco Stemming and Redrying	2.3	1.7	2.6	.6	- .3
Textile Mill Products	39.6	39.8	40.1	- .2	- .5
Weaving Mills, Cotton, Synthetics and Wool	16.5	16.6	16.3	- .1	.2
Narrow Fabric Mills	1.0	1.0	1.2	0	- .2
Knitting Mills	12.7	12.8	11.9	- .1	.8
Textile Finishing, except Wool	4.3	4.3	5.0	0	- .7
Yarn and Thread Mills	2.7	2.7	3.1	0	- .4
Miscellaneous Textile Goods	1.1	1.1	1.2	0	- .1
Apparel and Other Textile Products	31.3	30.4	31.7	.9	- .4
Men's and Boys' Suits, Coats and Furnishings	12.4	12.6	12.4	- .2	0
Women's and Children's Outerwear & Undergarments	15.8	14.7	16.0	1.1	- .2
Miscellaneous Fabricated Textile Products	1.2	1.2	1.4	0	- .2
Paper and Allied Products	10.9	10.9	11.1	0	- .2
Pulp, Paper and Paperboard	5.4	5.4	5.5	0	- .1
Misc. Converted Paper and Paperboard Products, Containers and Boxes	5.0	4.9	5.1	.1	- .1
Miscellaneous Converted Paper Products	2.1	2.0	2.3	.1	- .2
Paperboard Containers and Boxes	2.9	2.9	2.8	0	.1
Printing and Publishing	12.8	12.8	12.7	0	.1
Newspapers and Periodicals	2.9	3.0	2.9	- .1	0
Commercial Printing	6.3	6.4	6.2	- .1	.1
Chemicals and Allied Products	22.2	22.3	23.7	- .1	- 1.5
Industrial Inorganic Chemicals	.4	.4	.5	0	- .1
Plastics Materials and Synthetics	14.1	14.2	15.7	- .1	- 1.6
Drugs	1.2	1.3	1.2	- .1	0
Agricultural Chemicals	.9	.9	1.0	0	- .1
Miscellaneous Chemical Products	2.2	2.2	2.0	0	.2
Petroleum, Rubber and Misc. Plastics Products	9.0	9.0	10.0	0	- 1.0
Miscellaneous Plastics Products	4.1	4.0	4.4	.1	- .3
Rubber and Rubber Products	4.7	4.7	5.3	0	- .6
Leather and Leather Products	3.3	3.4	3.4	- .1	- .1

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-5.

BRISTOL, VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	September 1980	August 1980	September 1979	August 1980	September 1979
NONAGRICULTURAL	28.2	28.1	28.7	.1	- .5
MANUFACTURING	9.3	9.3	9.9	0	- .6
Durable Goods	4.6	4.6	5.4	0	- .8
Lumber and Wood Products and Furniture and Fixtures	.3	.3	.5	0	- .2
Stone, Clay and Glass Products	.3	.3	.3	0	0
Primary Metals and Fabricated Metal Products	2.1	2.1	2.4	0	- .3
Other Durable Goods 1/	1.9	1.9	2.2	0	- .3
Nondurable Goods	4.7	4.7	4.5	0	.2
Food and Kindred Products	1.6	1.6	1.6	0	0
Textile Mill Products	.2	.2	.2	0	0
Apparel and Other Textile Products	2.0	2.0	1.8	0	.2
Paper, Printing and Publishing	.5	.5	.5	0	0
Other Nondurable Goods 2/	.4	.4	.4	0	0
NONMANUFACTURING	18.9	18.8	18.8	.1	.1
Construction	1.3	1.4	1.5	- .1	- .2
Transportation & Public Utilities	1.1	1.1	1.1	0	0
Trade	6.6	6.6	6.8	0	- .2
Wholesale Trade	1.7	1.7	1.8	0	- .1
Retail Trade	4.9	4.9	5.0	0	- .1
Finance, Insurance & Real Estate	1.0	1.0	1.0	0	0
Services & Mining	3.7	3.8	3.6	- .1	.1
Government	5.2	4.9	4.8	.3	.4
State and Local Government	4.9	4.5	4.5	.4	.4

The Bristol, Virginia Metropolitan Area covers the city of Bristol and the counties of Scott and Washington.

1/ Includes the machinery, electric and electronic equipment, transportation equipment, and instruments and related products industries.

2/ Includes the tobacco manufactures, chemicals and allied products, rubber and plastics products, and leather and leather products industries.

Table A-6.

LYNCHBURG STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	September 1980	August 1980	September 1979	August 1980	September 1979
NONAGRICULTURAL	72.1	71.1	73.5	1.0	-1.4
MANUFACTURING	28.9	28.6	30.1	.3	-1.2
Durable Goods	18.4	18.4	20.0	0	-1.6
Lumber and Wood Products and Furniture and Fixtures	4.0	4.0	4.3	0	- .3
Other Durable Goods 1/	14.4	14.4	15.7	0	-1.3
Nondurable Goods	10.5	10.2	10.1	.3	.4
Food and Kindred Products	1.6	1.7	1.3	- .1	.3
Textile Mill Products	1.7	1.6	1.8	.1	- .1
Apparel & Other Textile Products	2.6	2.3	2.4	.3	.2
Paper and Allied Products	1.0	1.0	.9	0	.1
Other Nondurable Goods 2/	3.6	3.6	3.7	0	- .1
NONMANUFACTURING	43.2	42.5	43.4	.7	- .2
Construction	3.9	4.1	3.8	- .2	.1
Transportation and Public Utilities	2.8	2.8	2.8	0	0
Wholesale and Retail Trade	11.6	11.6	12.2	0	- .6
Wholesale Trade	2.1	2.2	2.1	- .1	0
Retail Trade	9.5	9.4	10.1	.1	- .6
Finance, Insurance and Real Estate	3.7	3.7	3.5	0	.2
Services and Mining	11.1	10.7	10.9	.4	.2
Government	10.1	9.6	10.2	.5	- .1

The Lynchburg Standard Metropolitan Statistical Area covers the city of Lynchburg and the counties of Amherst, Appomattox and Campbell.

1/ Includes the stone, clay and glass products, primary metals, fabricated metal products, machinery, except electrical, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, printing and publishing, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-7.

NEWPORT NEWS-HAMPTON STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	September 1980	August 1980	September 1979	August 1980	September 1979
NONAGRICULTURAL	155.1	155.3	148.6	- .2	6.5
MANUFACTURING	35.3	34.8	33.3	.5	2.0
Durable Goods	28.8	28.3	26.9	.5	1.9
Stone, Clay & Glass Products	.6	.6	.3	0	.3
Transportation Equipment	24.6	24.2	22.3	.4	2.3
Other Durable Goods 1/	3.6	3.5	4.3	.1	- .7
Nondurable Goods	6.5	6.5	6.4	0	.1
Food & Kindred Products	3.0	3.0	2.7	0	.3
Textile Mill Products & Apparel & Other Textile Products	.6	.6	.8	0	- .2
Printing and Publishing	1.1	1.1	1.1	0	0
Other Nondurable Goods 2/	1.8	1.8	1.8	0	0
NONMANUFACTURING	119.8	120.5	115.3	- .7	4.5
Construction	7.2	7.4	7.9	- .2	- .7
Transportation and Public Utilities	5.1	5.3	5.2	- .2	- .1
Wholesale and Retail Trade	29.5	29.4	28.6	.1	.9
Wholesale Trade	3.3	3.4	3.4	- .1	- .1
Retail Trade	26.2	26.0	25.2	.2	1.0
Finance, Insurance and Real Estate	5.2	5.3	5.2	- .1	0
Services and Mining	29.5	30.7	27.2	- 1.2	2.3
Government	43.3	42.4	41.2	.9	2.1
Federal Government	17.0	17.1	16.9	- .1	.1
State and Local Government	26.3	25.3	24.3	1.0	2.0

The Newport News-Hampton Standard Metropolitan Statistical Area covers the cities of Newport News, Hampton, Poquoson and Williamsburg and the counties of James City, York and Gloucester.

1/ Includes the lumber and wood products, furniture and fixtures, primary metals, fabricated metal products, machinery, except electrical, electric and electronic equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, paper and allied products, chemicals and allied products, and petroleum and coal products industries

Table A-8.

NORFOLK-VIRGINIA BEACH-PORTSMOUTH STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	September 1980	August 1980	September 1979	August 1980	September 1979
NONAGRICULTURAL	285.4	284.0	289.1	1.4	-3.7
MANUFACTURING	29.7	29.2	30.8	.5	-1.1
Durable Goods	17.5	17.1	18.2	.4	- .7
Lumber & Wood Products	1.6	1.6	1.8	0	- .2
Stone, Clay and Glass Products	1.7	1.7	1.7	0	0
Fabricated Metal Products	1.0	1.0	1.0	0	0
Fabricated Structural Metal Products	.8	.8	.9	0	- .1
Machinery (ex. Electrical)	1.2	1.2	1.1	0	.1
Transportation Equipment	7.6	7.2	8.0	.4	- .4
Other Durable Goods 1/	4.4	4.4	4.6	0	- .2
Nondurable Goods	12.2	12.1	12.6	.1	- .4
Food and Kindred Products	6.0	6.0	6.4	0	- .4
Apparel & Other Textile Products	.9	.9	1.0	0	- .1
Printing and Publishing	2.5	2.5	2.2	0	.3
Chemicals and Allied Products	1.3	1.3	1.5	0	- .2
Agricultural Chemicals	.6	.6	.7	0	- .1
Other Nondurable Goods 2/	1.5	1.4	1.5	.1	0
NONMANUFACTURING	255.7	254.8	258.3	.9	-2.6
Construction	16.1	16.4	18.8	- .3	-2.7
Transportation & Public Utilities	19.0	19.3	19.3	- .3	- .3
Railroads	1.5	1.5	1.6	0	- .1
Wholesale and Retail Trade	68.6	69.5	70.0	- .9	-1.4
Wholesale Trade	14.4	14.4	14.7	0	- .3
Retail Trade	54.2	55.1	55.3	- .9	-1.1
Finance, Insurance & Real Estate	14.7	14.8	14.8	- .1	- .1
Banking	4.4	4.4	4.2	0	.2
Insurance Carriers and Agents	3.0	3.1	3.2	- .1	- .2
Services and Mining	56.1	55.9	54.8	.2	1.3
Personal Services	4.0	4.2	4.1	- .2	- .1
Government	81.2	78.9	80.6	2.3	.6
Federal Government	36.1	36.5	36.1	- .4	0
State & Local Government	45.1	42.4	44.5	2.7	.6

The Norfolk, Virginia Beach, Portsmouth Standard Metropolitan Statistical Area covers the cities of Chesapeake, Norfolk, Portsmouth, Suffolk and Virginia Beach, Virginia and county of Currituck, North Carolina.

1/ Includes the furniture and fixtures, primary metals, electric and electronic equipment, instruments and related products and miscellaneous manufacturing industries.

2/ Includes the tobacco, textile mill products, paper and allied products, petroleum and coal products, rubber and plastics products and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-9.

NORTHERN VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	September 1980	August 1980	September 1979	August 1980	September 1979
NONAGRICULTURAL	432.3	433.9	428.4	-1.6	3.9
MANUFACTURING	17.1	17.0	16.7	.1	.4
Durable Goods	10.1	10.1	10.1	0	0
Stone, Clay and Glass Products	1.1	1.1	1.2	0	- .1
Fabricated Metal Products	1.1	1.1	1.1	0	0
Machinery, except Electrical	.6	.6	.7	0	- .1
Electric and Electronic Equipment	5.3	5.3	5.0	0	.3
Other Durable Goods 1/	2.0	2.0	2.1	0	- .1
Nondurable Goods	7.0	6.9	6.6	.1	.4
Food and Kindred Products	1.1	1.1	1.1	0	0
Printing and Publishing	4.5	4.5	4.3	0	.2
Other Nondurable Goods 2/	1.4	1.3	1.2	.1	.2
NONMANUFACTURING	415.2	416.9	411.7	-1.7	3.5
Mining	.4	.4	.4	0	0
Construction	28.0	28.1	32.3	- .1	-4.3
Transportation & Public Utilities	29.4	29.5	29.2	- .1	.2
Transportation By Air	8.6	8.6	9.2	0	- .6
Electric, Gas & Sanitary Service	3.5	3.5	3.3	0	.2
Wholesale and Retail Trade	97.8	98.4	97.7	- .6	.1
Wholesale Trade	18.1	18.4	18.3	- .3	- .2
Retail Trade	79.7	80.0	79.4	- .3	.3
General Merchandise Stores	11.9	11.9	12.8	0	- .9
Food Stores	9.2	9.2	9.0	0	.2
Auto. Dealers & Service Stations	12.1	12.2	12.3	- .1	- .2
Apparel & Accessory Stores	5.3	5.4	4.8	- .1	.5
Eating & Drinking Places	23.2	23.4	22.8	- .2	.4
Finance, Insurance & Real Estate	27.3	27.6	27.3	- .3	0
Banking	6.0	6.0	5.8	0	.2
Services	113.3	114.7	108.4	-1.4	4.9
Business Services	40.1	40.2	38.2	- .1	1.9
Government	119.0	118.2	116.4	.8	2.6
Federal Government	67.1	67.5	66.2	- .4	.9
State and Local Government	51.9	50.7	50.2	1.2	1.7

The Northern Virginia Area covers the cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Fairfax, Loudoun and Prince William.

1/ Includes the lumber and wood products, furniture and fixtures, primary metals, transportation equipment, instruments and related products, ordnance, and miscellaneous manufacturing industries.

2/ Includes the tobacco, textile mill products, apparel and other textile products, paper and allied products, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table A-10.

PETERSBURG-COLONIAL HEIGHTS-HOPEWELL STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	September 1980	August 1980	September 1979	August 1980	September 1979
NONAGRICULTURAL	47.6	48.0	46.3	- .4	1.3
MANUFACTURING	11.7	11.7	11.9	0	- .2
Durable Goods	2.8	2.7	2.5	.1	.3
Lumber and Wood Products and Furniture & Fixtures	.6	.5	.4	.1	.2
Stone, Clay and Glass Products	.2	.2	.3	0	- .1
Fabricated Metal Products	.2	.2	.2	0	0
Other Durable Goods 1/	1.8	1.8	1.6	0	.2
Nondurable Goods	8.9	9.0	9.4	- .1	- .5
Food and Kindred Products	.3	.3	.4	0	- .1
Textile Mill Products and Apparel & Other Textile Products	1.1	1.1	1.0	0	.1
Chemicals and Allied Products	3.4	3.5	3.8	- .1	- .4
Other Nondurable Goods 2/	4.1	4.1	4.2	0	- .1
NONMANUFACTURING	35.9	36.3	34.4	- .4	1.5
Construction	3.1	3.4	2.2	- .3	.9
Transportation and Public Utilities	1.5	1.5	1.5	0	0
Wholesale and Retail Trade	8.0	8.0	8.4	0	- .4
Wholesale Trade	1.2	1.2	1.2	0	0
Retail Trade	6.8	6.8	7.2	0	- .4
Finance, Insurance and Real Estate	1.3	1.3	1.3	0	0
Services and Mining	6.4	6.4	5.8	0	.6
Government	15.6	15.7	15.2	- .1	.4
Federal Government	5.3	5.5	5.4	- .2	- .1
State and Local Government	10.3	10.2	9.8	.1	.5

The Petersburg-Colonial Heights-Hopewell Standard Metropolitan Statistical Area covers the cities of Colonial Heights, Hopewell and Petersburg and the counties of Dinwiddie and Prince George.

1/ Includes the primary metals, machinery, except electrical, electric and electronic equipment, transportation equipment, instruments and related products and miscellaneous manufacturing industries.

2/ Includes the paper and allied products, printing and publishing, rubber and plastics products and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-11.

RICHMOND STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	September 1980	August 1980	September 1979	August 1980	September 1979
NONAGRICULTURAL	326.1	323.2	328.2	2.9	- 2.1
MANUFACTURING	55.2	55.3	56.0	- .1	- .8
Durable Goods	17.8	17.8	18.1	0	- .3
Lumber & Wood Products	1.4	1.4	1.6	0	- .2
Furniture & Fixtures	2.3	2.1	2.2	.2	.1
Stone, Clay & Glass Products	1.3	1.3	1.3	0	0
Fabricated Metal Products	2.5	2.6	2.5	- .1	0
Fabricated Structural Metal Products	1.7	1.8	2.0	- .1	- .3
Machinery, except Electrical	2.1	2.1	2.1	0	0
Other Durable Goods 1/	8.2	8.3	8.4	- .1	- .2
Nondurable Goods	37.4	37.5	37.9	- .1	- .5
Food & Kindred Products	4.2	4.2	4.4	0	- .2
Bakery Products	1.8	1.8	1.9	0	- .1
Tobacco Manufactures	12.0	12.0	12.2	0	- .2
Cigarettes	11.1	11.2	11.0	- .1	.1
Tobacco Stemming & Redrying	.5	.5	.8	0	- .3
Apparel & Other Textile Products	2.2	2.2	2.5	0	- .3
Paper & Allied Products	4.1	4.2	4.1	- .1	0
Printing and Publishing	5.2	5.2	5.0	0	.2
Commercial Printing	2.9	2.9	2.8	0	.1
Chemicals & Allied Products	7.7	7.7	7.8	0	- .1
Other Nondurable Goods 2/	2.0	2.0	1.9	0	.1
NONMANUFACTURING	270.9	267.9	272.2	3.0	- 1.3
Mining	.4	.4	.4	0	0
Construction	17.0	17.3	19.6	- .3	- 2.6
Transportation & Public Utilities	19.8	19.9	19.6	- .1	.2
Wholesale & Retail Trade	72.7	72.8	73.8	- .1	- 1.1
Wholesale Trade	22.0	22.1	22.0	- .1	0
Retail Trade	50.7	50.7	51.8	0	- 1.1
General Merchandise Stores	10.2	10.2	11.0	0	- .8
Food Stores	7.3	7.3	7.1	0	.2
Auto Dealers & Service Stations	5.6	5.6	6.1	0	- .5
Finance, Insurance & Real Estate	26.7	26.9	27.2	- .2	- .5
Insurance Carriers	10.4	10.4	10.3	0	.1
Services	59.9	59.9	58.2	0	1.7
Government	74.4	70.7	73.4	3.7	1.0
Federal Government	8.0	8.0	8.1	0	- .1
State & Local Government	66.4	62.7	65.3	3.7	1.1

The Richmond Standard Metropolitan Statistical Area covers the city of Richmond and the counties of Charles City, Chesterfield, Goochland, Hanover, Henrico, New Kent and Powhatan.

1/ Includes the primary metals, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the textile mill products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table A-12.

ROANOKE STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	September 1980	August 1980	September 1979	August 1980	September 1979
NONAGRICULTURAL	105.2	105.7	105.2	- .5	0
MANUFACTURING	20.8	20.9	20.8	- .1	0
Durable Goods	12.2	12.2	12.0	0	.2
Furniture & Fixtures	1.4	1.4	1.4	0	0
Primary Metals & Fabricated Metal Products	2.5	2.5	2.6	0	- .1
Fabricated Structural Metal Products	1.3	1.3	1.3	0	0
Machinery, except Electrical	1.7	1.7	1.6	0	.1
Other Durable Goods 1/	6.6	6.6	6.4	0	.2
Nondurable Goods	8.6	8.7	8.8	- .1	- .2
Food & Kindred Products	1.9	1.9	1.9	0	0
Textile Mill Products	1.8	1.8	1.8	0	0
Apparel & Other Textile Products	1.5	1.5	1.7	0	- .2
Printing and Publishing	.9	.9	.9	0	0
Other Nondurable Goods 2/	2.5	2.6	2.5	- .1	0
NONMANUFACTURING	84.4	84.8	84.4	- .4	0
Mining	.1	.1	.1	0	0
Construction	6.6	6.8	6.6	- .2	0
Transportation & Public Utilities	9.8	9.8	10.2	0	- .4
Wholesale & Retail Trade	25.7	25.7	26.1	0	- .4
Wholesale Trade	7.2	7.3	7.4	- .1	- .2
Retail Trade	18.5	18.4	18.7	.1	- .2
Finance, Insurance & Real Estate	6.3	6.3	6.0	0	.3
Services	19.4	19.6	19.9	- .2	- .5
Government	16.4	16.5	15.5	- .1	.9
Federal Government	3.1	3.2	3.1	- .1	0
State & Local Government	13.3	13.3	12.4	0	.9

The Roanoke Standard Metropolitan Statistical Area covers the cities of Roanoke, Salem and the counties of Botetourt, Craig and Roanoke.

1/ Includes the lumber and wood products, stone, clay and glass, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, paper and allied products, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

Table C - 1

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	September 1980	August 1980	September 1979	September 1980	August 1980	September 1979	September 1980	August 1980	September 1979
MANUFACTURING	$249.80	$247.74	$227.60	39.4	39.2	40.0	$6.34	$6.32	$5.69
Durable Goods	257.84	253.44	237.05	40.1	39.6	40.8	6.43	6.40	5.81
Lumber and Wood Products	185.57	182.10	165.56	38.5	38.5	37.8	4.82	4.73	4.38
Furniture and Fixtures	163.81	157.54	163.21	37.4	36.3	40.1	4.38	4.34	4.07
Household and Office Furniture	162.50	156.24	162.40	37.1	36.0	40.0	4.38	4.34	4.06
Stone, Clay and Glass Products	233.16	233.74	220.01	40.2	40.3	41.2	5.80	5.80	5.34
Structural Clay Products	204.93	210.31	198.37	40.5	41.4	41.5	5.06	5.08	4.78
Glass and Glass Products	238.18	241.55	229.86	39.5	38.1	40.9	6.03	6.34	5.62
Primary Metal Industries	328.60	320.64	283.08	39.4	38.4	39.1	8.34	8.35	7.24
Fabricated Metal Products	1) 316.17	1) 305.21	298.58	42.1	41.3	42.9	1) 7.51	1) 7.39	6.96
Fabricated Structural Metal Products	1) 323.69	1) 298.35	297.92	44.1	42.2	44.8	1) 7.34	1) 7.07	6.65
Machinery, except Electrical	277.57	265.72	251.31	41.0	40.2	40.6	6.77	6.61	6.19
Construction and Related Machinery	274.68	258.34	262.29	40.1	38.5	41.9	6.85	6.71	6.26
Special Industry Machinery	285.34	277.83	268.96	38.3	37.8	41.0	7.45	7.35	6.56
Refrigeration and Service Machinery	263.86	284.32	236.95	40.1	42.5	39.1	6.58	6.69	6.06
Electric and Electronic Equipment	252.20	249.72	234.77	38.8	38.3	40.2	6.50	6.52	5.84
Communication Equipment	253.93	250.02	256.00	37.9	36.5	40.0	6.70	6.85	6.40
Instruments and Related Products	218.53	212.40	205.92	41.0	39.7	39.6	5.33	5.35	5.20
Miscellaneous Manufacturing Industries	201.70	198.81	190.83	37.7	37.3	38.1	5.35	5.33	5.01
Nondurable Goods	243.90	244.14	221.92	38.9	39.0	39.7	6.27	6.26	5.59
Food and Kindred Products	222.00	225.79	196.22	37.5	38.4	38.4	5.92	5.88	5.11
Tobacco Manufactures	354.24	360.43	257.03	38.8	38.1	36.1	9.13	9.46	7.12
Cigarettes	389.76	392.42	280.50	38.4	38.7	36.1	10.15	10.14	7.77
Textile Mill Products	209.58	202.81	203.94	41.5	40.4	42.4	5.05	5.02	4.81
Weaving Mills, Cotton, Synthetics and Wool	230.30	224.60	228.07	43.7	42.7	44.2	5.27	5.26	5.16
Knitting Mills	183.53	182.91	166.41	39.3	39.0	38.7	4.67	4.69	4.30
Yarn and Thread Mills	183.02	169.38	168.42	41.5	39.3	42.0	4.41	4.31	4.01
Miscellaneous Textile Goods	210.52	213.86	203.58	40.1	40.2	43.5	5.25	5.32	4.68
Apparel and Other Textile Products	144.82	148.63	138.65	34.4	35.9	36.2	4.21	4.14	3.83
Men's and Boys' Suits, Coats and Furnishings	156.82	156.56	141.12	36.3	37.1	36.0	4.32	4.22	3.92
Women's and Children's Outerwear & Undergarments	131.77	140.35	131.72	31.6	34.4	35.6	4.17	4.08	3.70
Paper and Allied Products	334.90	325.62	307.73	42.5	41.8	43.1	7.88	7.79	7.14
Pulp, Paper and Paperboard	402.52	389.27	359.79	43.8	43.3	43.4	9.19	8.99	8.29
Misc. Converted Paper and Paperboard Products, Containers and Boxes	272.12	265.85	250.32	41.8	40.9	42.5	6.51	6.50	5.89
Printing and Publishing	282.37	288.03	294.82	37.8	38.2	41.7	7.47	7.54	7.07
Newspapers and Periodicals	265.28	265.32	240.12	35.8	36.0	34.7	7.41	7.37	6.92
Chemical and Allied Products	319.59	317.20	297.05	40.2	39.6	41.2	7.95	8.01	7.21
Plastic Materials and Synthetics	325.18	320.88	303.05	39.9	38.8	41.4	8.15	8.27	7.32
Agricultural Chemicals	218.50	235.30	190.30	38.2	40.5	39.4	5.72	5.81	4.83
Leather and Leather Products	142.40	132.86	134.64	38.8	36.4	38.8	3.67	3.65	3.47

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

1) Not comparable with data for prior years.

Table C-2.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES BRISTOL METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	September 1980	August 1980	September 1979	September 1980	August 1980	September 1979	September 1980	August 1980	September 1979
MANUFACTURING	1) $206.07	1) $207.76	$207.93	35.9	37.3	37.6	1) $5.74	1) $5.57	$5.53
Durable Goods	1) 263.60	1) 254.13	250.73	40.0	39.4	39.3	1) 6.59	1) 6.45	6.38
Fabricated Metal Products	1) 342.63	1) 325.31	345.31	40.5	39.1	39.6	1) 8.46	1) 8.32	8.72
Machinery and Transportation Equipment	250.11	246.64	224.87	40.7	40.5	39.8	6.16	6.09	5.65
Nondurable Goods	145.22	159.70	152.01	31.5	35.1	35.6	4.61	4.55	4.27
Food and Kindred Products	186.32	185.92	180.00	34.0	33.5	36.0	5.48	5.55	5.00
Apparel and Other Textile Products	111.00	140.26	120.85	28.1	35.6	33.2	3.95	3.94	3.64

Data for the Bristol Metropolitan Area (city of Bristol and the counties of Scott and Washington) cover approximately 6,900 production workers.

1) Not comparable with data for prior years.

Table C-3.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES LYNCHBURG STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	September 1980	August 1980	September 1979	September 1980	August 1980	September 1979	September 1980	August 1980	September 1979
MANUFACTURING	$243.36	$234.84	$241.16	39.0	38.0	40.6	$6.24	$6.18	$5.94
Durable Goods	255.42	239.02	249.70	38.7	37.0	40.8	6.60	6.46	6.12
Lumber and Wood Products and Furniture and Fixtures	166.28	163.54	155.52	37.2	37.0	38.4	4.47	4.42	4.05
Nondurable Goods	225.76	227.52	221.49	39.4	39.5	41.4	5.73	5.76	5.35
Food and Kindred Products	222.87	224.19	233.26	39.1	39.4	43.6	5.70	5.69	5.35
Textile Mill Products	224.56	211.31	225.07	40.1	37.6	43.2	5.60	5.62	5.21
Apparel and Other Textile Products	124.64	127.01	113.70	32.8	33.6	32.3	3.80	3.78	3.52
Paper and Allied Products	357.21	391.50	340.70	50.1	54.3	50.4	7.13	7.21	6.76

Data for the Lynchburg Standard Metropolitan Statistical Area (city of Lynchburg and the counties of Amherst, Appomattox and Campbell) cover approximately 20,000 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay of overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-4.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES NORFOLK-VIRGINIA BEACH-PORTSMOUTH STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	September 1980	August 1980	September 1979	September 1980	August 1980	September 1979	September 1980	August 1980	September 1979
MANUFACTURING	$280.01	$268.30	$260.20	41.3	40.9	41.5	$6.78	$6.56	$6.27
Durable Goods	305.83	284.82	279.64	42.3	41.1	41.8	7.23	6.93	6.69
Lumber and Wood Products	211.07	206.19	204.36	39.9	39.2	39.0	5.29	5.26	5.24
Stone, Clay, and Glass Products	265.44	239.80	244.08	42.0	39.9	43.9	6.32	6.01	5.56
Fabricated Metal Products	234.54	246.28	217.30	42.8	43.9	41.0	5.48	5.61	5.30
Machinery, except Electrical	245.60	238.78	208.03	42.2	41.6	39.4	5.82	5.74	5.28
Transportation Equipment	379.65	341.74	342.34	44.3	42.4	43.5	8.57	8.06	7.87
Nondurable Goods	234.43	239.36	222.50	39.6	40.5	40.9	5.92	5.91	5.44
Food and Kindred Products	224.37	228.65	211.08	40.5	41.8	42.3	5.54	5.47	4.99
Apparel and Other Textile Products	156.14	155.06	140.54	37.0	36.4	36.6	4.22	4.26	3.84
Chemicals and Allied Products	264.65	274.17	214.62	38.3	39.0	38.6	6.91	7.03	5.56

Data for the Norfolk-Virginia Beach-Portsmouth Standard Metropolitan Statistical Area (cities of Chesapeake, Norfolk, Portsmouth, Suffolk and Virginia Beach, Virginia and the county of Currituck, North Carolina) cover approximately 22,900 production workers.

Table C-5.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES NORTHERN VIRGINIA AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	September 1980	August 1980	September 1979	September 1980	August 1980	September 1979	September 1980	August 1980	September 1979
MANUFACTURING	$280.76	$283.29	$257.60	39.6	39.9	40.0	$7.09	$7.10	$6.44
Durable Goods	274.29	277.01	254.00	41.0	41.1	41.1	6.69	6.74	6.18
Stone, Clay, and Glass Products	213.55	228.89	211.92	37.4	39.6	39.1	5.71	5.78	5.42
Fabricated Metal Products	311.08	271.62	291.94	44.0	40.3	44.1	7.07	6.74	6.62
Electric and Electronic Equipment	297.30	315.48	274.68	42.9	44.0	42.0	6.93	7.17	6.54
Nondurable Goods	290.65	292.61	260.37	37.6	38.1	37.9	7.73	7.68	6.87
Food and Kindred Products	299.63	299.71	286.97	41.5	41.0	44.7	7.22	7.31	6.42

Data for the Northern Virginia Area (cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Fairfax, Loudoun and Prince William) cover approximately 9,000 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-6.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES PETERSBURG-COLONIAL HEIGHTS-HOPEWELL STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	September 1980	August 1980	September 1979	September 1980	August 1980	September 1979	September 1980	August 1980	September 1979
MANUFACTURING	$302.64	$298.35	$267.52	39.0	39.0	38.0	$7.76	$7.65	$7.04
Durable Goods	181.63	176.15	165.07	38.4	37.8	38.3	4.73	4.66	4.31
Lumber and Wood Products and Furniture and Fixtures	132.61	159.40	150.10	31.8	35.9	38.0	4.17	4.44	3.95
Nondurable Goods	335.94	335.69	295.67	39.2	39.4	38.2	8.57	8.52	7.74
Food & Kindred Products	212.94	213.01	183.43	39.0	39.3	41.5	5.46	5.42	4.42
Chemicals & Allied Products	382.12	374.74	354.24	41.4	41.0	41.0	9.23	9.14	8.64

Data for the Petersburg-Colonial Heights-Hopewell Standard Metropolitan Statistical Area (cities of Colonial Heights, Hopewell and Petersburg and the counties of Dinwiddie and Prince George) cover approximately 9,200 production workers.

Table C-7.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES RICHMOND STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	September 1980	August 1980	September 1979	September 1980	August 1980	September 1979	September 1980	August 1980	September 1979
MANUFACTURING	$324.01	$315.17	$279.20	40.4	39.2	40.0	$8.02	$8.04	$6.98
Durable Goods	308.61	298.26	287.73	40.5	39.4	41.7	7.62	7.57	6.90
Lumber and Wood Products	180.65	182.40	181.37	38.6	40.0	39.6	4.68	4.56	4.58
Furniture and Fixtures	179.52	162.26	181.89	40.8	36.3	39.8	4.40	4.47	4.57
Primary Metal Industries	558.48	542.07	418.55	44.5	43.4	41.4	12.55	12.49	10.11
Fabricated Metal Products	410.87	363.49	363.78	40.6	39.9	43.0	10.12	9.11	8.46
Fabricated Structural Metal Products	478.74	397.10	394.55	41.2	39.2	42.7	11.62	10.13	9.24
Nondurable Goods	333.68	322.18	275.89	40.3	39.1	39.3	8.28	8.24	7.02
Food and Kindred Products	1) 234.18	1) 230.10	230.96	38.9	39.2	37.8	1) 6.02	1) 5.87	6.11
Tobacco Manufactures	391.16	386.72	269.74	38.5	38.1	36.7	10.16	10.15	7.35
Cigarettes	396.29	391.17	273.34	38.7	38.2	36.3	10.24	10.24	7.53
Apparel and Other Textile Products	169.24	160.86	156.02	40.2	38.3	39.3	4.21	4.20	3.97
Paper and Allied Products	312.04	292.44	260.34	43.1	40.9	40.3	7.24	7.15	6.46
Printing and Publishing	302.94	311.85	332.54	37.4	37.8	42.2	8.10	8.25	7.88
Chemicals and Allied Products	386.26	346.66	317.42	43.4	39.8	40.8	8.90	8.71	7.78

Data for the Richmond Standard Metropolitan Statistical Area (city of Richmond and the counties of Charles City, Chesterfield, Goochland, Hanover, Henrico, New Kent and Powhatan) cover approximately 36,800 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

1/ Not comparable with data for prior years.

Table C-8.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES ROANOKE STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	September 1980	August 1980	September 1979	September 1980	August 1980	September 1979	September 1980	August 1980	September 1979
MANUFACTURING	$240.39	$232.26	$214.13	39.8	39.3	40.1	$6.04	$5.91	$5.34
Durable Goods	245.43	231.66	220.55	40.5	39.0	40.1	6.06	5.94	5.50
Fabricated Metal Products	225.74	225.33	221.18	40.6	40.6	43.2	5.56	5.55	5.12
Fabricated Structural Metal Products	230.85	230.93	220.85	40.5	40.8	42.8	5.70	5.66	5.16
Nondurable Goods	233.79	232.06	206.11	38.9	39.6	40.1	6.01	5.86	5.14
Food and Kindred Products	264.02	241.23	229.27	46.4	44.1	46.6	5.69	5.47	4.92
Textile Mill Products	171.22	186.76	184.50	36.9	40.6	41.0	4.64	4.60	4.50

Data for the Roanoke Standard Metropolitan Statistical Area (city of Roanoke and the counties of Botetourt, Craig and Roanoke) cover approximately 14,300 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-9.

GROSS AND SPENDABLE AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

	GROSS AVERAGE WEEKLY EARNINGS			SPENDABLE AVERAGE WEEKLY EARNINGS					
				Worker With No Dependents			Married Worker With Three Dependents		
	September 1980	August 1980	September 1979	September 1980	August 1980	September 1979	September 1980	August 1980	September 1979
Virginia	$249.80	$247.74	$227.60	$199.10	$197.66	$185.57	$217.55	$215.99	$202.86
Bristol Area	1) 206.07	1) 207.76	207.93	1) 167.91	1) 169.14	169.27	1) 184.05	1) 185.36	185.50
Lynchburg SMSA	243.36	234.84	241.16	194.60	188.64	193.06	212.66	206.20	211.00
Norfolk-Virginia Beach-Portsmouth SMSA	280.01	268.30	260.20	219.94	212.00	206.36	240.07	231.59	225.44
Northern Virginia Area	280.76	283.29	257.60	220.45	222.17	204.54	241.04	242.96	223.47
Petersburg-Colonial Heights-Hopewell SMSA	302.64	298.35	267.52	235.30	232.39	211.47	257.64	254.37	231.00
Richmond SMSA	324.01	315.17	279.20	249.15	243.51	219.39	273.32	266.87	218.28
Roanoke SMSA	240.39	232.26	214.13	192.52	186.84	173.79	210.41	204.25	190.32

Net spendable average weekly earnings, a rough equivalent of weekly take-home pay, are calculated by deducting Federal income and social security taxes from gross average weekly earnings of factory production workers.

Table D-1

VIRGINIA

EMPLOYMENT 1/ IN NONAGRICULTURAL INDUSTRIES

SEASONALLY ADJUSTED	September 1980 2/	August 1980	September 1979	August 1979
NONAGRICULTURAL	2,118.9	2,105.2	2,103.1	2,095.9
MANUFACTURING	405.1	402.7	415.6	413.6
Durable Goods	186.2	183.8	192.3	191.8
Lumber & Wood Products	23.1	22.4	25.0	25.0
Furniture and Fixtures	25.8	25.7	27.0	27.2
Stone, Clay and Glass Products	12.5	12.1	13.4	13.4
Primary Metal Industries	11.7	11.2	13.9	13.9
Fabricated Metal Products	20.3	20.2	20.9	20.9
Machinery, except Electrical	15.2	15.2	15.2	14.7
Electric and Electronic Equipment	33.0	33.0	33.4	33.4
Transportation Equipment	36.6	36.2	35.6	35.6
Instruments and Related Products	4.1	4.0	3.8	3.7
Nondurable Goods	219.0	219.1	223.4	221.8
Food and Kindred Products	40.5	40.6	41.4	40.3
Tobacco Manufactures	16.1	16.2	16.3	16.2
Textile Mill Products	44.0	44.5	44.5	44.3
Apparel and Other Textile Products	34.0	33.3	34.6	34.4
Paper and Allied Products	14.4	14.3	14.6	14.4
Printing and Publishing	21.9	22.0	21.0	21.1
Chemicals and Allied Products	32.7	32.5	34.4	34.5
Leather and Leather Products	3.6	3.6	3.8	3.7
MINING	23.1	23.0	22.6	23.5
Bituminous Coal and Lignite Mining	20.0	19.9	19.1	20.0
CONTRACT CONSTRUCTION	121.1	119.9	137.0	137.2
TRANSPORTATION & PUBLIC UTILITIES	115.1	114.8	115.1	114.8
Railroad Transportation	14.8	15.0	15.2	15.3
Trucking and Warehousing	29.0	28.8	29.6	29.4
Transportation by Air	10.8	10.9	11.6	11.5
Communication	29.4	29.1	27.6	27.6
Electric, Gas and Sanitary Services	16.8	16.5	15.7	15.8
WHOLESALE AND RETAIL TRADE	449.4	449.0	438.2	437.5
Wholesale Trade	105.2	105.1	102.7	102.2
Retail Trade	344.5	343.8	335.9	335.4
General Merchandise Stores	55.6	56.4	56.1	56.5
Food Stores	54.8	54.5	50.9	50.7
FINANCE, INSURANCE & REAL ESTATE	104.7	104.0	103.8	103.3
Banking	30.8	30.9	30.3	30.3
Insurance Carriers	20.0	19.6	19.5	19.6
SERVICES	387.1	385.2	372.5	369.1
Personal Services	25.0	25.1	24.2	24.2
Business Services	76.3	74.6	72.6	72.1
GOVERNMENT	513.6	506.9	496.9	495.7
Federal Government	154.2	155.4	153.0	153.7
State and Local Government	357.8	351.3	342.7	341.4
AVERAGE WEEKLY HOURS OF PRODUCTION WORKERS				
MANUFACTURING	39.1	39.3	39.7	39.5
Durable Goods	39.6	39.8	40.3	39.9
Lumber and Wood Products	38.2	38.2	37.5	38.3
Furniture and Fixtures	36.5	36.0	39.1	38.8
Household & Office Furniture	36.2	35.6	39.0	38.6
Stone, Clay & Glass Products	39.5	40.0	40.5	41.1
Primary Metal Industries	38.7	38.5	38.4	38.9
Fabricated Metal Products	41.6	40.8	42.3	41.1
Fabricated Structural Metal Products	43.2	41.6	43.9	42.5
Machinery, except Electrical	41.2	40.8	40.9	40.2
Electric and Electronic Equipment	38.0	38.5	39.4	38.6
Instruments & Related Products	40.9	39.8	39.5	39.1
Miscellaneous Manufacturing Industries	37.4	36.7	37.7	36.8
Nondurable Goods	38.7	38.9	39.5	39.3
Food & Kindred Products	37.7	38.3	38.0	38.8
Tobacco Manufactures	39.0	38.2	36.3	37.5
Cigarettes	38.6	38.7	36.3	37.8
Textile Mill Products	41.2	40.3	42.1	41.0
Weaving Mills, Cotton, Synthetics and Wool	43.6	42.6	44.0	43.0
Knitting Mills	38.5	38.5	37.9	37.9
Apparel & Other Textile Products	34.3	36.0	36.1	35.3
Men's and Boys' Suits, Coats and Furnishings	36.3	36.6	36.0	35.2
Women's and Children's Outerwear & Undergarments	31.6	34.7	35.6	34.6
Paper & Allied Products	42.1	42.0	42.6	42.9
Pulp, Paper and Paperboard	43.7	43.8	43.3	42.4
Printing and Publishing	37.2	38.4	41.1	37.8
Newspapers and Periodicals	35.9	35.9	34.7	34.4
Chemicals & Allied Products	40.8	39.7	41.8	41.6
Plastics Materials & Synthetics	40.4	38.6	41.9	41.5
Agricultural Chemicals	39.9	42.8	41.2	39.8
Leather & Leather Products	37.2	35.7	37.2	36.7

1/ Employment in thousands.

2/ Preliminary

Revised to December 1978 Benchmark levels.

Table D-2.

VIRGINIA

EMPLOYEES IN NONAGRICULTURAL EMPLOYMENT, SEASONALLY ADJUSTED
BY INDUSTRY DIVISIONS
ANNUAL AVERAGES 1972 - 1979
JANUARY 1976 TO DATE

(In Thousands)

Year and Month	Total 1/	Manufacturing	Mining	Construction	Transportation and Public Utilities	Wholesale and Retail Trade	Finance, Insurance and Real Estate	Services and Miscellaneous	Government 1/
Annual Averages									
1972	1,655.4	388.0	16.1	116.8	100.9	336.1	74.3	242.8	380.1
1973	1,753.2	401.8	16.2	130.9	105.2	361.7	80.8	266.4	390.2
1974	1,804.8	402.0	18.1	133.4	107.4	368.6	84.4	286.4	404.7
1975	1,778.8	371.5	20.9	112.2	102.6	368.0	84.0	296.9	421.6
1976	1,842.3	387.8	21.8	111.8	104.3	383.7	86.3	312.8	432.8
1977	1,930.2	400.1	21.8	113.6	106.9	405.5	91.6	331.8	453.0
1978	2,032.9	409.3	20.4	129.8	107.5	428.0	97.1	357.8	482.7
1979	2,098.7	413.2	24.3	135.2	114.3	440.0	103.4	374.7	493.6
1976:									
January	1,814.8	379.7	22.9	111.7	102.4	376.7	84.1	306.0	426.0
February	1,824.7	383.8	22.6	115.3	103.0	378.5	84.4	308.2	427.8
March	1,826.9	385.6	22.1	112.4	102.6	379.3	84.6	308.2	429.2
April	1,831.8	389.2	21.8	111.4	103.6	381.5	85.6	309.5	429.1
May	1,835.1	386.8	21.1	111.5	104.2	383.6	85.8	310.7	430.9
June	1,842.1	388.7	20.8	110.5	105.8	384.7	86.2	312.7	431.6
July	1,841.0	387.7	20.7	110.8	105.4	385.7	86.8	312.7	432.3
August	1,844.1	388.0	21.1	110.9	105.7	385.8	86.8	313.0	434.0
September	1,852.0	389.2	21.2	111.1	105.8	386.8	86.8	314.4	435.9
October	1,858.5	389.5	21.2	111.7	104.8	388.0	87.7	318.4	438.4
November	1,864.0	391.8	22.4	112.3	103.7	387.1	88.0	318.7	439.3
December	1,872.9	393.2	23.4	112.3	104.8	386.8	88.4	320.7	439.1
1977:									
January	1,883.4	391.8	24.0	107.2	105.9	397.0	89.2	320.2	444.8
February	1,889.5	394.9	24.0	112.6	106.8	394.7	89.4	320.6	446.9
March	1,903.7	397.5	23.7	115.4	106.9	398.3	90.4	323.2	448.1
April	1,906.4	399.4	22.9	112.5	106.8	399.9	90.7	326.8	447.7
May	1,910.0	398.8	22.2	111.9	106.6	400.7	90.9	328.1	448.6
June	1,924.2	401.1	21.5	112.5	106.2	402.9	91.4	331.7	451.0
July	1,938.2	404.0	21.5	113.3	106.7	406.7	91.7	334.0	453.7
August	1,947.0	404.5	22.2	114.3	107.2	407.7	92.6	336.4	455.6
September	1,958.5	404.4	22.0	115.5	107.5	410.8	93.0	337.9	458.9
October	1,962.7	404.3	21.8	115.8	107.4	412.8	93.2	339.2	460.8
November	1,968.6	404.9	22.9	116.0	107.5	415.6	93.6	340.9	461.5
December	1,970.6	405.0	13.0	116.4	107.6	418.7	93.7	342.7	466.1
1978:									
January	1,972.3	404.9	13.7	120.1	105.0	416.9	93.8	345.0	468.9
February	1,982.1	407.1	13.5	121.2	105.5	419.5	94.3	347.8	471.9
March	1,993.2	407.0	13.5	122.9	106.6	420.3	95.0	352.0	473.8
April	2,015.4	407.1	24.1	129.3	107.5	422.3	94.8	351.6	480.4
May	2,027.3	409.3	23.4	129.1	107.9	425.2	95.9	355.0	482.8
June	2,044.2	409.8	23.0	132.2	108.5	428.5	97.2	356.7	487.6
July	2,042.8	409.5	23.0	132.3	103.4	429.3	97.3	359.9	487.7
August	2,049.2	410.6	20.7	132.5	104.5	432.0	97.8	362.0	488.4
September	2,049.2	410.5	16.9	133.0	104.7	433.5	98.9	364.4	486.3
October	2,061.6	411.9	22.9	134.5	112.2	432.5	99.1	362.5	487.1
November	2,073.2	411.9	24.6	135.3	112.2	437.2	99.7	366.2	489.0
December	2,084.1	412.5	25.5	135.8	112.5	438.4	101.1	370.9	488.3
1979:									
January	2,096.3	414.9	26.6	134.2	114.1	440.5	101.9	373.7	488.3
February	2,080.9	407.2	26.7	128.1	113.9	440.1	102.8	374.9	487.1
March	2.096.3	411.1	26.0	135.2	114.2	441.6	102.2	377.7	486.9
April	2,089.5	412.2	24.8	133.6	112.8	441.3	101.9	375.7	489.1
May	2,092.6	412.5	23.9	135.5	112.5	440.3	102.6	374.6	492.0
June	2,088.9	411.5	22.8	136.2	114.8	436.7	102.5	371.0	492.5
July	2,092.7	413.8	22.7	136.9	114.9	437.2	103.1	369.3	493.9
August	2,095.9	413.6	23.5	137.2	114.8	437.5	103.3	369.1	495.7
September	2,103.1	415.6	22.6	137.0	115.1	438.2	103.8	372.5	496.9
October	2,110.8	415.9	22.5	135.8	115.4	440.5	105.6	376.8	499.5
November	2,116.1	415.0	23.9	135.8	114.5	444.1	105.3	380.2	500.7
December	2,120.9	415.1	25.2	137.4	114.4	442.1	105.3	381.4	501.0
1980:									
January	2,142.2	417.0	26.2	139.1	114.8	449.9	106.1	386.6	500.9
February	2,141.0	419.2	26.2	133.4	115.0	452.1	106.7	387.6	501.5
March	2,133.8	419.0	25.0	129.9	114.5	447.8	106.1	386.3	502.5
April	2,1[illegible]	417.2	24.3	123.6	115.7	441.7	105.6	382.1	506.8
May	2,1[illegible]	412.0	23.0	121.8	114.6	442.3	105.3	383.5	510.0
June	2,09[illegible]	406.2	22.4	119.6	114.0	443.2	103.9	380.7	508.8
July	2,090	399.4	22.1	119.8	114.5	444.9	104.1	383.5	501.5
August	2,10[illegible]	402.7	23.0	119.9	114.8	449.0	104.0	385.2	506.9
September	2,118.9	405.1	23.1	121.1	115.1	449.4	104.7	387.1	513.6
October									
November									
December									

1/ Federal Government employment in the Northern Virginia Area, which is a portion of the Washington Standard Metropolitan Area, is included. The Northern Virginia Area covers the cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Loudoun and Prince William. The counties of Loudoun and Prince William were not a part of the Northern Virginia Area prior to January 1967, and Federal employment in these two counties was included in the government totals prior to that period.

EXPLANATORY NOTES

This release presents and analyzes statistics from the Current Employment Statistics Survey. Data on nonagricultural payroll employment, hours and earnings are collected by the Virginia Department of Labor and Industry in cooperation with the U. S. Bureau of Labor Statistics, from payroll records of a sample of approximately 6,000 establishments. In most industries the sampling probabilities are based on the size of the establishment; most large establishments are therefore in the sample. Self-employed persons, domestic workers and others not on a regular civilian payroll are outside the scope of the survey because they are excluded from establishment records.

Definitions:

Employed persons are all persons who received pay (including holiday and sick pay) for any part of the payroll period including the 12th of the month. Persons holding more than one job are counted in each establishment which reports them. From a sample composed of establishments reporting for both the previous and the current months, the ratio of current employment to that of the previous month is computed. This is called a link relative. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these link relatives.

Production workers in manufacturing include blue-collar worker supervisors and all nonsupervisory workers closely associated with production operations.

Hours represent the average weekly hours of production or nonsupervisory workers for which pay was received and is different from standard or scheduled hours. Such factors as unpaid absenteeism, labor turnover, part-time work and stoppages cause average weekly hours to be lower than scheduled hours of work for an establishment. Group averages further reflect changes in the workweek of component industries.

Earnings are the payments production or nonsupervisory workers receive during the survey period, including premium pay for overtime or late-shift work but excluding irregular bonuses and other special payments. Average hourly earnings are on a gross basis, reflecting not only changes in basic hourly and incentive wage rates, but also such variable factors as premium pay for overtime and late-shift work and changes in output of workers paid on an incentive plan. Shifts in the volume of employment between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments also affect the general averages. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

Gross average weekly earnings are derived by multiplying average weekly hours by average hourly earnings. Therefore, weekly earnings are affected not only by changes in gross average hourly earnings but also by changes in the length of the workweek. Spendable earnings are earnings from which estimated social security and Federal income taxes have been deducted. Spendable earnings from gross weekly earnings are computed for a worker with no dependents and a married worker with three dependents. The computations are based on gross average weekly earnings for all production or nonsupervisory personnel related to the production operations in manufacturing industries, excluding other income and income earned by other family members.

Benchmark Adjustments. Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the various nonagricultural industries, and appropriate adjustments are made. The primary sources of benchmark information are employment data, by industry, compiled quarterly by the Virginia Employment Commission from reports of establishments covered under the unemployment insurance laws.

Indexes of aggregate weekly payrolls and hours. The indexes of aggregate weekly payrolls and hours are prepared by dividing the current month's aggregate by the monthly average for the 1972 period. The hour aggregates are the product of average weekly hours and production-worker employment, and the payroll aggregates are the product of hour aggregates and average hourly earnings.

Seasonal Adjustments. Nearly all economic phenomena are affected to some degree by seasonal variations. These are recurring, predictable events which are reported more or less regularly each year. The cumulative effects of these events are often large. Since seasonal variations tend to be large relative to the underlying cyclical trends, it is necessary to use seasonally adjusted data to interpret short-term economic developments. Seasonally adjusted estimates of total employment and average weekly hours of production workers in the manufacturing industries are published in this release for the State of Virginia. The seasonal adjustment methods used for these series are an adaptation to the standard ratio-to-moving average method, with a provision for moving "adjustment factors" to take account of changing seasonal patterns.

Labor force and unemployment estimates for the State and standard metropolitan statistical areas are developed by the Virginia Employment Commission under a Federal-State cooperative program. Estimates are derived from standardized procedures developed by the Bureau of Labor Statistics.